

EAST Search History

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|----------|---|---|------------------|---------|---------------------|
| L1 | 1 | 10/584641 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/09/12 23:19 |
| L2 | 161 | "370"/\$.ccls. and (mimo same ofdm).clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/09/12 23:21 |
| L3 | 4 | "370"/\$.ccls. and (mimo same ofdm same eigen\$8).clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/09/12 23:24 |
| L4 | 22 | "370"/\$.ccls. and (mimo same ofdm and eigen\$8).clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/09/12 23:26 |
| L5 | 3 | (convert\$4 same subcarrier\$4 same vector\$4 same eigen\$4).clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/09/12 23:46 |
| L6 | 14 | (convert\$4 same subcarrier\$4 same back).clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/09/12 23:48 |
| L7 | 14 | (convert\$4 same subcarrier\$4 same (fed feed)).clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/09/12 23:48 |
| S1 | 28239257 | @ad<="20031227" or @rlad<="20031227" or @ptad<="20031227" or @pt1d<="20031227" or @pt3d<="20031227" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/20 14:06 |
| S2 | 7 | (convert\$4) same (symbol subcarrier sub-carrier) same (eigen) same ((invers\$4 near3 fourier) fft) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/20 14:08 |

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|-----|------|---|---|----|----|---------------------|
| S3 | 0 | S1 and S2 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/20 14:09 |
| S4 | 4162 | ((convert\$4) same (symbol subcarrier sub-carrier) same (((invers\$4 near3 fourier) ifft) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/20 14:10 |
| S5 | 2240 | ((convert\$4) same (symbol subcarrier sub-carrier) same (((invers\$4 near3 fourier) ifft) same ofdm | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/20 14:10 |
| S6 | 13 | ((convert\$4) same (symbol subcarrier sub-carrier) same (((invers\$4 near3 fourier) ifft) same ofdm same eigen\$9 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/20 14:10 |
| S7 | 16 | ((convert\$4) same (symbol subcarrier sub-carrier) same (((invers\$4 near3 fourier) ifft) same eigen\$9 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/20 14:11 |
| S8 | 3 | S1 and S7 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/20 14:11 |
| S9 | 39 | ((symbol subcarrier sub-carrier) same ((invers\$4 near3 fourier) ifft) same eigen\$9 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/20 14:14 |
| S10 | 14 | S1 and S9 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/20 14:14 |
| S11 | 2 | "20060133530" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/20 14:23 |
| S12 | 1538 | ((symbol near3 ofdm) subcarrier sub-carrier) same (((invers\$4 near3 fourier) ifft) same antenna\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/20 14:35 |
| S13 | 175 | ((symbol near3 ofdm) subcarrier \$4 sub-carrier\$4) with ((invers \$4 near3 fourier) ifft) with antenna\$4 with ofdm | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/20 14:35 |

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| S14 | 43 | S1 and S13 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/20 14:36 |
| S15 | 27 | converter with ((symbol near3 ofdm) subcarrier\$4 sub-carrier \$4) with ((invers\$4 near3 fourier) ifft) with antenna\$4 with ofdm | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/20 14:40 |
| S16 | 10 | S1 and S15 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/20 14:40 |
| S17 | 250 | converter same ((symbol near3 ofdm) subcarrier\$4 sub-carrier \$4) same ((invers\$4 near3 fourier) ifft) same antennas same ofdm | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/20 14:54 |
| S18 | 69 | converter same ((symbol near3 ofdm) subcarrier\$4 sub-carrier \$4) same ((invers\$4 near3 fourier) ifft) same antennas same ofdm same receiver same transmitter | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/20 14:55 |
| S19 | 23 | S1 and S18 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/20 14:55 |
| S20 | 57 | ((group\$4 near4 ((symbol near3 ofdm) subcarrier\$4 sub-carrier \$4)) same (eigenbeam\$4 (eigen adj beam\$4)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/20 15:06 |
| S21 | 17 | S1 and S20 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/20 15:06 |
| S22 | 2 | "6985434".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/20 15:07 |
| S23 | 7 | ((group\$4 near4 ((symbol near3 ofdm) subcarrier\$4 sub-carrier \$4)) same (eigenbeam\$4 (eigen adj beam\$4)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/20 15:10 |
| S24 | 0 | S1 and S23 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/20 15:10 |

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| S25 | 18 | ((group\$4 near4 ((symbol near3 ofdm) subcarrier\$4 sub-carrier \$4)) and (eigenbeam\$4 (eigen adj beam\$4))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/20 15:11 |
| S26 | 1 | S1 and S25 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/20 15:11 |
| S27 | 10 | ((((symbol near3 ofdm) subcarrier\$4 sub-carrier\$4)) same (eigenbeam\$4 (eigen adj beam\$4)) same feed\$8 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/20 15:12 |
| S28 | 1 | S1 and S27 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/20 15:12 |
| S29 | 2 | "6985434".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/20 15:14 |
| S30 | 22 | ((((symbol near3 ofdm) subcarrier\$4 sub-carrier\$4)) same (eigenbeam\$4 (eigen adj beam\$4))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/20 15:16 |
| S31 | 1 | S1 and S30 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/20 15:16 |
| S32 | 40 | ((((symbol near3 ofdm) subcarrier\$4 sub-carrier\$4)) same (eigenbeam\$4 eigen-beam\$4 (eigen near3 beam\$4))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/20 15:16 |
| S33 | 7 | S1 and S32 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/20 15:17 |
| S34 | 60 | (eigenvector\$4 (eigen near3 vector\$4) eigen-vector\$4) same (eigenbeam\$4 eigen-beam\$4 (eigen near3 beam\$4)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/20 15:18 |
| S35 | 28 | S1 and S34 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/20 15:18 |

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| S36 | 1 | wo adj "0241524" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/20 15:28 |
| S37 | 4 | "2002041524" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/20 15:29 |
| S38 | 0 | wo adj "2041524" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/20 15:30 |
| S39 | 0 | wo adj "02041524" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/20 15:30 |
| S40 | 0 | wo adj "02/041524" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/20 15:30 |
| S41 | 0 | wo adj "2/041524" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/20 15:30 |
| S42 | 0 | wo near3 2/041524 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/20 15:30 |
| S43 | 0 | wo near3 "2041524" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/20 15:31 |
| S44 | 0 | wo near3 "02041524" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/20 15:31 |
| S45 | 3688571 | WO 02/041524 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/20 15:31 |
| S46 | 0 | WO adj 02/041524 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/20 15:31 |

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| S47 | 0 | WO near3 02/041524 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/20 15:31 |
| S48 | 0 | WO near3 "02041524" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/20 15:31 |
| S49 | 0 | WO-2041524-\$.did | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/20 15:32 |
| S50 | 0 | WO-2041524-\$.did. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/20 15:32 |
| S51 | 21 | ((longterm (long near3 term) long-term) same (eigenbeam\$4 eigen-beam\$4 (eigen near3 beam\$4)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/20 15:35 |
| S52 | 17 | S1 and S51 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/20 15:35 |
| S53 | 1 | 10/584641 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/20 15:58 |
| S54 | 0 | ((CHOI near3 IN-KYEONG) (KIM near3 SEONG-RAG) (KWON near3 DONG-SEUNG) (CHOI near3 JIN-HO)).in. and (converter same eigen same fourier).clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/21 11:12 |
| S55 | 2 | ((CHOI near3 IN-KYEONG) (KIM near3 SEONG-RAG) (KWON near3 DONG-SEUNG) (CHOI near3 JIN-HO)).in. and (converter same eigen\$8 same fourier).clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/21 11:13 |
| S56 | 28266308 | @ad<="20031227" or @riad<="20031227" or @ptad<="20031227" or @pt1d<="20031227" or @pt3d<="20031227" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/09/03 15:44 |

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| S57 | 3 | "20050094740" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/09/03 15:45 |
| S58 | 2 | "7447270".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/09/03 15:45 |
| S59 | 1 | 10/584641 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/09/03 15:55 |
| S60 | 131 | ((CHOI near3 IN-KYEONG) (KIM near3 SEONG-RAG) (KWON near3 DONG-SEUNG) (CHOI near3 JIN-HO)).in. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/09/03 15:57 |
| S61 | 98034 | ((CHOI near3 IN-KYEONG) (KIM near3 SEONG-RAG) (KWON near3 DONG-SEUNG) (CHOI near3 JIN-HO)).in. and (ofdm)".com" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/09/03 15:57 |
| S62 | 6 | ((CHOI near3 IN-KYEONG) (KIM near3 SEONG-RAG) (KWON near3 DONG-SEUNG) (CHOI near3 JIN-HO)).in. and (ofdm).clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/09/03 15:57 |
| S63 | 28266308 | @ad<="20031227" or @rlad<="20031227" or @ptad<="20031227" or @pt1d<="20031227" or @pt3d<="20031227" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/09/03 17:59 |
| S64 | 2 | ((eigenbeam\$4 (eigen near3 beam\$4)) near3 vector\$4) with (feed\$4) with ofdm | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/09/03 18:01 |
| S65 | 2 | ((eigenbeam\$4 (eigen near3 beam\$4)) near3 vector\$4) same (feed\$4) same ofdm | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/09/03 18:01 |
| S66 | 2 | ((eigenbeam\$4 (eigen near3 beam\$4)) near3 vector\$4) same (eigenmode (eigen adj mode)) same ofdm | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/09/03 18:02 |
| S67 | 8 | ((eigenbeam\$4 (eigen near3 beam\$4)) same (eigenmode (eigen adj mode)) same ofdm | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/09/03 18:02 |

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| S68 | 1 | S63 and S67 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/09/03 18:02 |
| S69 | 41 | ((eigenbeam\$4 (eigen near3 beam\$4))) same (eigenmode (eigen adj mode)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/09/03 18:03 |
| S70 | 14 | S63 and S69 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/09/03 18:03 |

9/ 12/ 10 11:51:31 PM

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